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Approved for use through 07/31/2006. OMB 0651-0032
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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.	N1085-00208			
First Inventor	Jui-Jen Wu			
Title	DETECTING THE STATUS OF AN ELECTRICAL FUSE			
Express Mail Lahel No	EV 306256991 US			

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patient application contents.  ADDRESS TO: Maintained from (e.g., PTO/SB/17)  (Subman and signal and a dipilizate for he processing)  Applicant claims small entity status.  See 37 CFR 1.27.  Application DelawEntonic in the Discovery of the Invention - Character of the Security of the Invention - Character of the Disdourne - Abstract of the Disdourne - Abst	10.00		Express Mail Label No.   L V 000			
Computer Program (Appendix)			ADDRESS TO: Commission P.O. Box	loner for Patents 1450		
S. Cath or Declaration a. Executed (original or copy)  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449  13. Preliminary Amendment (Ifor continuation/divisional with Box 18 completed)  14. Return Receipt Postcard (IMPEP 503)  15. Cetting Statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)/2) and 1.33(b).  16. Application Data Sheet. See 37 CFR 1.76  17. Other: Certification Junder 37. GFB 1.10. Other: Certification Information Delow and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application information.  Examiner For Continuation OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  City Philadelphia State PA Zip Code 19103  Name (Print/Type) Gerry K. Kita Registration No. (Attorney/Agent) 24,125	(Submit a Applican See 37 ( 3. See 37 ( 5. Specifica (preferred - Descript - Cross R - Stateme - Referen or a con - Backgro - Brief Su - Brief Su - Detailed - Claim(s - Abstract	an original and a duplicate for fee processing) Int claims small entity status.  CFR 1.27. ation I Total Pages 9 I darrangement set forth below) Intive title of the invention Reference to Related Applications ent Regarding Fed sponsored R & D Ince to sequence listing, a table, Imputer program listing appendix Ound of the Invention Immary of the Invention Description of the Drawings (if filed) I Description I Descriptio	Computer Program (Appe 8. Nucleotide and/or Amino Acid (if applicable, all necessary) a. Computer Readable b. Specification Seque i. CD-ROM or C ii. Paper c. Statements verifying ACCOMPANYING AF	Sequence Submission Form (CRF) Ince Listing on: D-R (2 copies); or Ince Ince Ince Ince Ince Ince Ince Ince		
14.    Return Receipt Postcard (MPEP 503) (Should be specifically itemized)   15.    Certified Copy of Priority Document(s) (if foreign priority is claimed)   16.    Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).   16.    Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.   17.    Other: Certification Under 37. CFR 1.10.   Other: Certification Indomination Under 37. CFR 1.10.   Other: Certification Indomination Under 37. CFR 1.76:   Continuation   Divisional   Continuation-in-part (CIP) of prior application No.:   Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby Incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.   19. CORRESPONDENCE ADDRESS   Customer Number:   08933   OR   Correspondence address below   Name   William H. Murray   One Liberty Place   State   PA   Zip Code   19103   Country   U.S.A.   Telephone   215-979-1264   Fax   215-979-1020   Name (Print/Type)   Gerry K. Kita   Registration No. (Attomey/Agent)   24,125   Continuation No. (Attomey/Agent)   Continuation No. (Continuation No.	5. Oath or Decla a.  Execution b.  Copy	ration [Total Sheets 4] cuted (original or copy) y from a prior application (37 CFR 1.63(d))	11. (when there is an assignation Documents of Information Disclosure Statement (IDS)/PTO-1-	nee) Attorney rument (if applicable) Copies of IDS Citations		
specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Divisional  Continuation-in-part (CIP)  of prior application No.:  Art Unit:  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number:  08933  OR  Correspondence address below  Name  William H. Murray  One Liberty Place  City  Philadelphia  State  PA  Zip Code 19103  Country  U.S.A.  Telephone 215-979-1264  Fax 215-979-1020  Name (Print/Type)  Gerry K. Kita  Registration No. (Attorney/Agent) 24,125	i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other: Certification Under 37. CER.1.10.			
Continuation Divisional Continuation-in-part (CIP) of prior application No.:	18. If a CONTING	UING APPLICATION, check appropriate box, and sup	ply the requisite information below an	nd in the first sentence of the		
Prior application information: Examiner Art Unit:  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS    V	P===			on No.		
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS    Value   Correspondence address below				on No.:		
Name         William H. Murray           Address         One Liberty Place           City         Philadelphia         State PA         Zip Code 19103           Country         U.S.A.         Telephone 215-979-1264         Fax 215-979-1020           Name (Print/Type)         Gerry K. Kita         Registration No. (Attorney/Agent) 24,125	For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.					
Name         William H. Murray           Address         One Liberty Place           City         Philadelphia         State PA         Zip Code 19103           Country         U.S.A.         Telephone 215-979-1264         Fax 215-979-1020           Name (Print/Type)         Gerry K. Kita         Registration No. (Attorney/Agent) 24,125	19. CORRESPONDENCE ADDRESS					
Address         One Liberty Place           City         Philadelphia         State         PA         Zip Code         19103           Country         U.S.A.         Telephone         215-979-1264         Fax         215-979-1020           Name (Print/Type)         Gerry K. Kita         Registration No. (Attorney/Agent)         24,125	Customer Number: 08933 OR Correspondence address below					
City         Philadelphia         State         PA         Zip Code         19103           Country         U.S.A.         Telephone         215-979-1264         Fax         215-979-1020           Name (Print/Type)         Gerry K. Kita         Registration No. (Attorney/Agent)         24,125	Name V	William H. Murray				
Country         U.S.A.         Telephone         215-979-1264         Fax         215-979-1020           Name (Print/Type)         Gerry K. Kita         Registration No. (Attorney/Agent)         24,125	Address	One Liberty Place				
Country         U.S.A.         Telephone         215-979-1264         Fax         215-979-1020           Name (Print/Type)         Gerry K. Kita         Registration No. (Attorney/Agent)         24,125	City P	Philadelphia	State PA	Zip Code 19103		
27,7	Country L	J.S.A.	elephone 215-979-1264			
	Name (Print/Type)   Gerry K. Kita   Registration No. (Attorney/Agent)   24,125					
	Signature					

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

1			
(\$)	81	0.	.00

Complete if Known			
Application Number	Not Known Yet		
Filing Date	03/26/2004		
First Named Inventor	Jui-Jen Wu		
Examiner Name	Not Known Yet		
Art Unit	Not Known Yet		
Attorney Docket No.	N1085-00208		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
✓ Check	3. AI	DDITI	ONAL	. FEE	S	
Deposit Account:	Large I	Entity	Small	Entity		
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Con Daid
Account Number	1051	130	2051		Surcharge - late filing fee or oath	Fee Paid
Deposit Duana Marria LLD	1052	50	2052		Surcharge - late provisional filing fee or	
Account Name	4050	400	4050	400	cover sheet	
The Director is authorized to: (check all that apply)	1053 1812	130	1053 1812		Non-English specification  For filing a request for ex parte reexamination	<del></del>
Charge fee(s) indicated below Credit any overpayments	1804	920*	1804		Requesting publication of SIR prior to	
Charge any additional fee(s) or any underpayment of fee(s)	1004	320	1004	920	Examiner action	
Charge fee as indicated below, except for the filng fee to the above-identified deposit account.		1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	ļl
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	$\vdash$
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	<u> </u>
Fee Fee Fee Fee <u>Fee Description</u> Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	ļ
1001 770 2001 385 Hilliby filing for	1255	2,010	2255	1,005	Extension for reply within fifth month	<b>├</b>
1002 340 2002 170 Design filing fee 770.00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00		110	2452	55	Petition to revive - unavoidable	
1453 1 330 2453 665 Petition to revive -		Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid  Total Claims 20 -20** = 0 x 18 = 0	1502	480	2502		Design issue fee	
Total Claims 20 -20** = 0 X 18 = 0	1503	640	2503		Plant issue fee	<b></b>
Claims 2 - 3 - 2 - 0 - 1 - 0 - 1 - 0	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807		Processing fee under 37 CFR 1.17(q)	$\vdash$
Large Entity   Small Entity Fee Fee   Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	1 40	Recording each patent assignment per property (times number of properties)	40
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3					(37 CFR 1.129(a))	$\vdash$
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0		fee (sp				
**or number previously paid, if greater, For Reissues, see above	*Redu	ced by	Basic I	Filing F	ee Paid SUBTOTAL (3) (\$) 40	

(Complete (if applicable)) SUBMITTED BY Registration No. Name (Print/Type) Gerry K. Kita 24,125 Telephone 215-979-1863 (Attorney/Agent) Jerall X Xita Date 03/26/2004 Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EXPRESS MAIL LABEL NO.: EV 306256991 US

ATTORNEY DOCKET NO.: N1085-00208 [TSMC2003-0470]

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jui-Jen Wu

Serial No.: Not Yet Assigned Examiner: Not Yet Assigned

Filed: 03/26/2004 Group Art Unit: Not Yet Assigned

For: DETECTING THE STATUS OF AN ELECTRICAL FUSE

## **CERTIFICATION UNDER 37 C.F.R. 1.10**

I hereby certify that this document (along with the enclosed Patent Application Transmittal and any documents referred to therein) is being deposited with the United States Postal Service on the date shown below with sufficient postage as "Express Mail Post Office to Addressee" Mailing Label Number EV 306256991 US to the following:

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dated: 3 26 2004

Chris Lambriodes